

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009501.D
 Acq On : 11 Jul 2022 11:47
 Operator : KP/MD
 Sample : VY0711SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:01:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

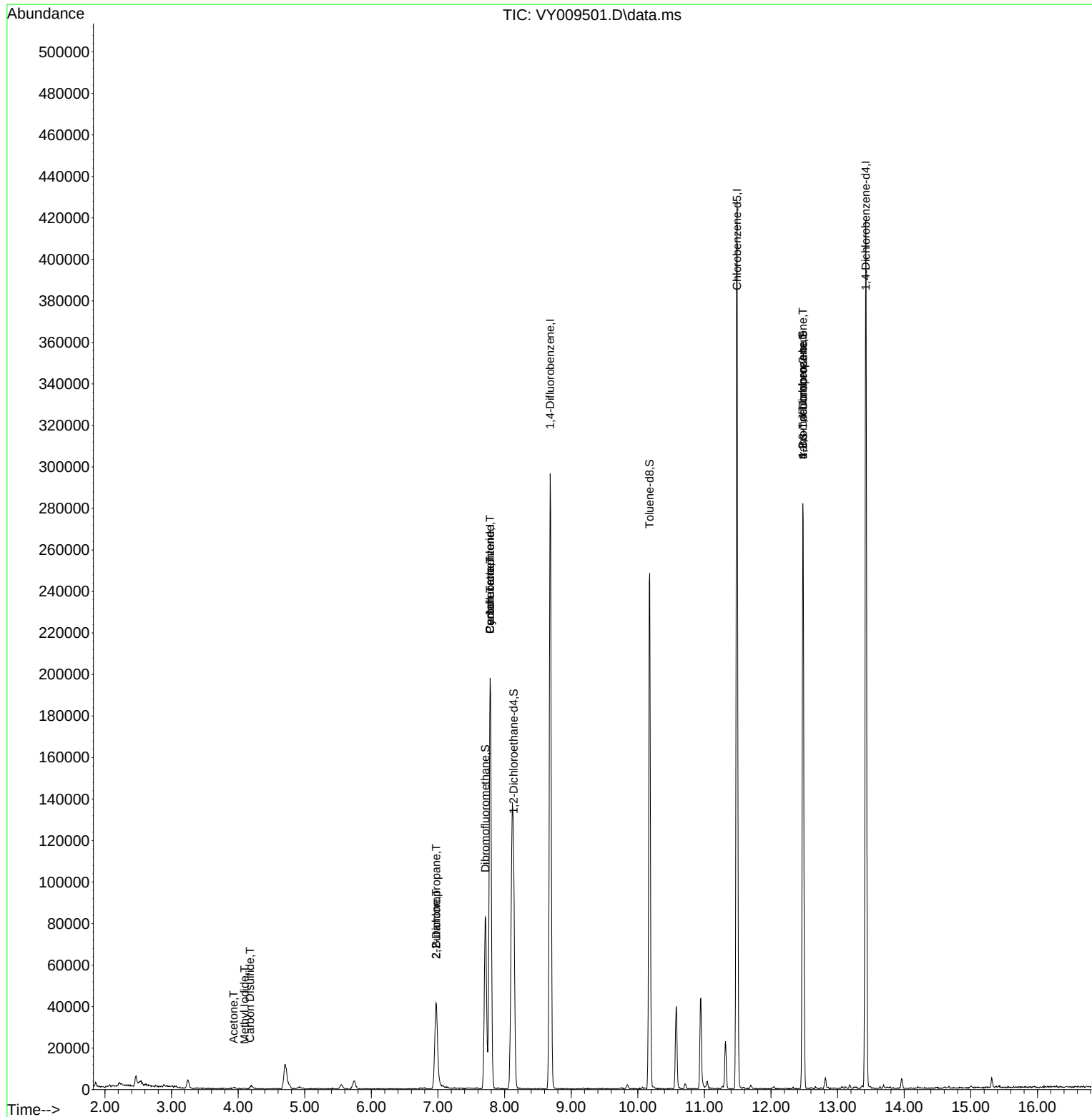
Internal Standards						
1) Pentafluorobenzene	7.783	168	159186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53981	47.863	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.720%		
35) Dibromofluoromethane	7.710	113	58413	43.968	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.940%		
50) Toluene-d8	10.179	98	161411	43.211	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	86.420%		
62) 4-Bromofluorobenzene	12.477	95	79018	42.136	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	84.280%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	303	4.309	ug/l #	81
11) Tert butyl alcohol	4.918	59	765	Below Cal	#	77
16) Acetone	3.930	43	1287	3.323	ug/l #	69
17) Carbon Disulfide	4.180	76	169	4.457	ug/l #	75
20) Methylene Chloride	4.710	84	8099	Below Cal	#	79
23) Vinyl Acetate	6.045	43	33	Below Cal	#	75
25) 2-Butanone	6.972	43	2644	4.221	ug/l	93
26) 2,2-Dichloropropane	6.972	77	3148	1.189	ug/l #	55
31) Cyclohexane	7.783	56	3348	1.282	ug/l #	8
38) Carbon Tetrachloride	7.783	117	15337	6.630	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	41756	36.472	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41756	74.645	ug/l #	7

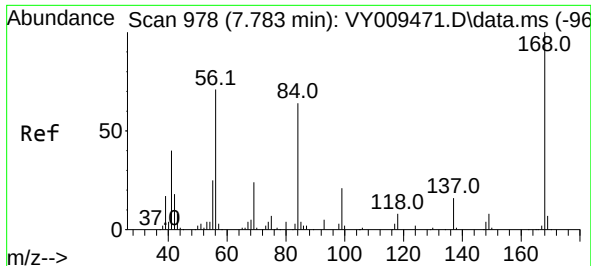
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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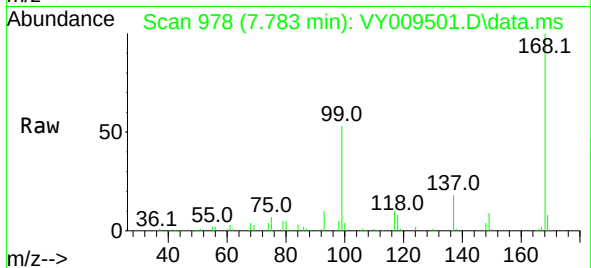
Quant Time: Jul 12 05:01:27 2022
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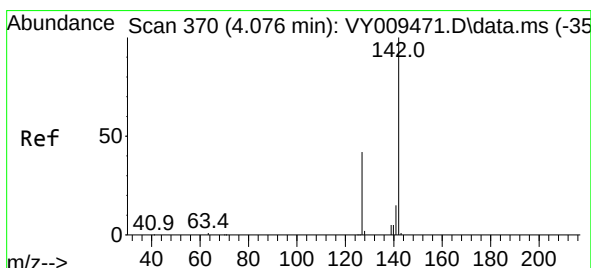
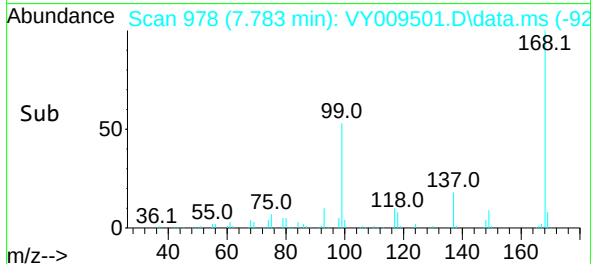
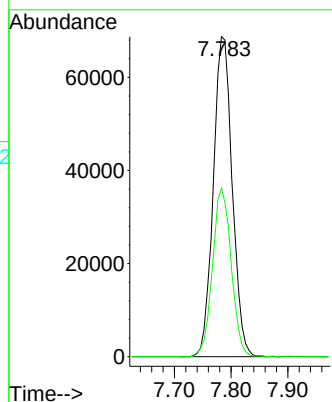


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :

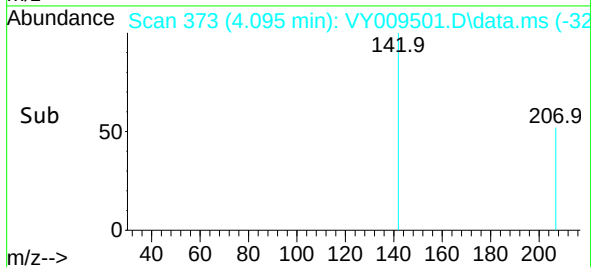
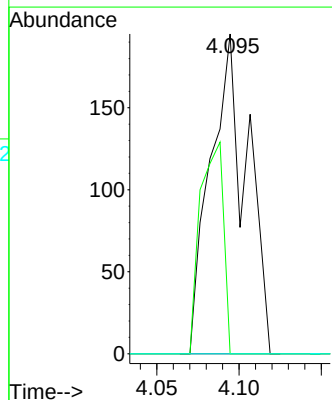
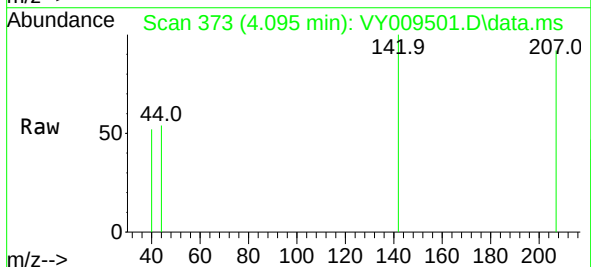


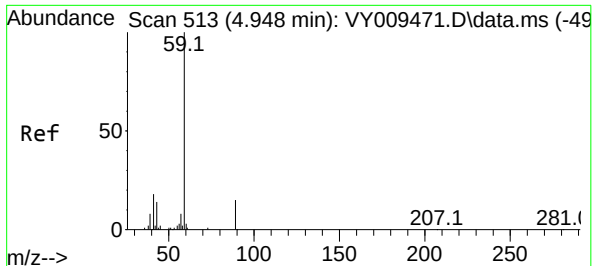
Tgt Ion:168 Resp: 159186
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#10
Methyl Iodide
Concen: 4.309 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.019 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Tgt Ion:142 Resp: 303
Ion Ratio Lower Upper
142 100
127 41.6 41.5 62.3
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.918 min Scan# 50

Delta R.T. -0.030 min

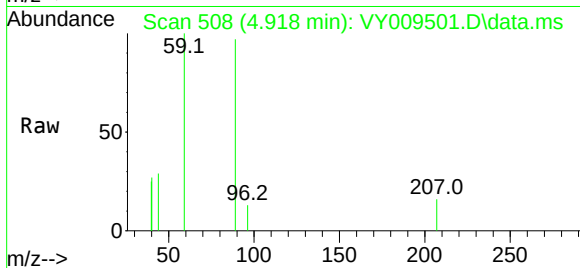
Lab File: VY009501.D

Acq: 11 Jul 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

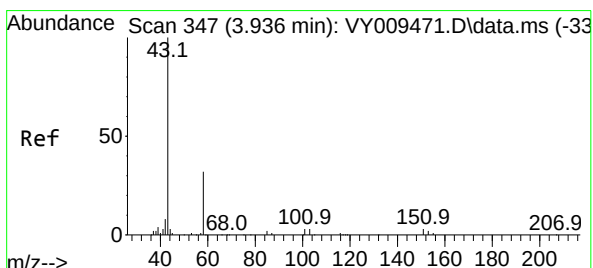
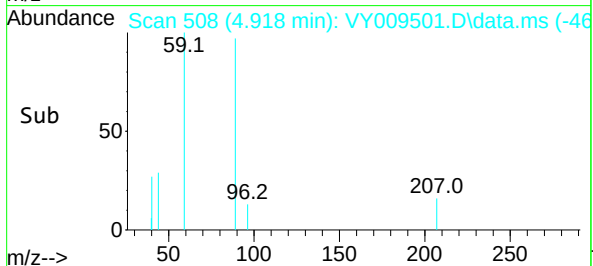
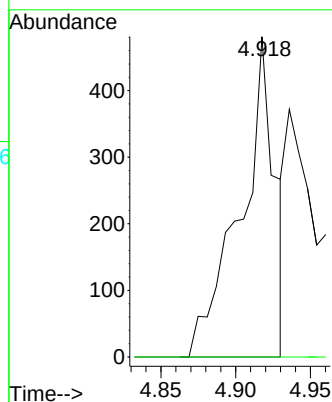


Tgt Ion: 59 Resp: 765

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.323 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY009501.D

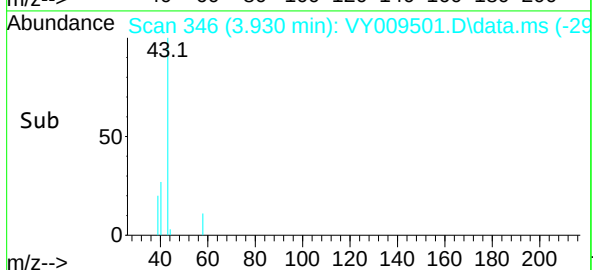
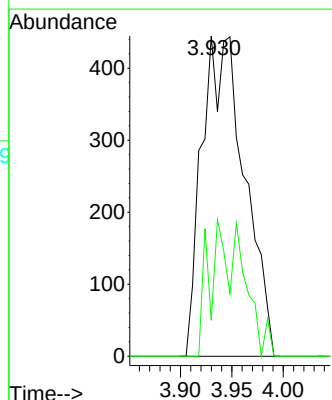
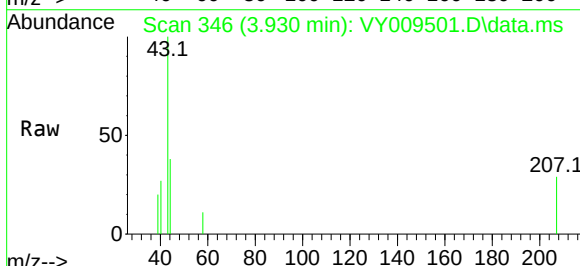
Acq: 11 Jul 2022 11:47

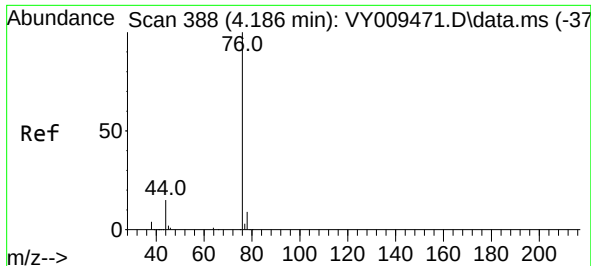
Tgt Ion: 43 Resp: 1287

Ion Ratio Lower Upper

43 100

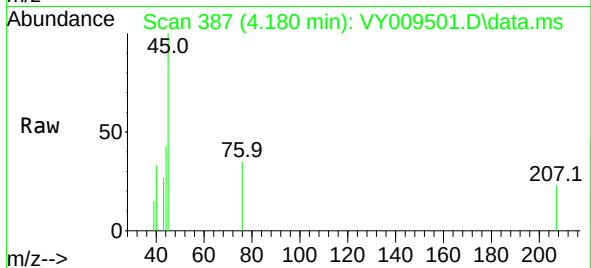
58 11.2 22.0 33.0#



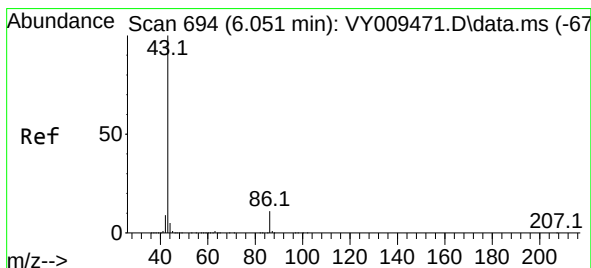
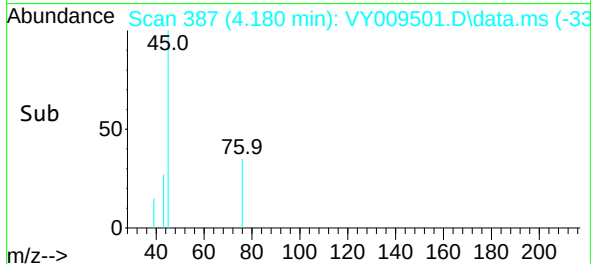
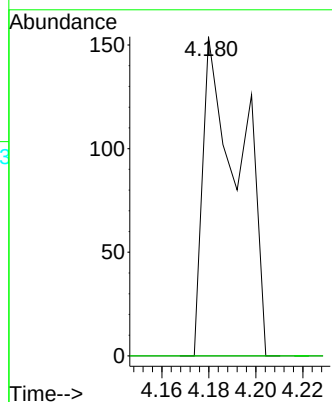


#17
Carbon Disulfide
Concen: 4.457 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :

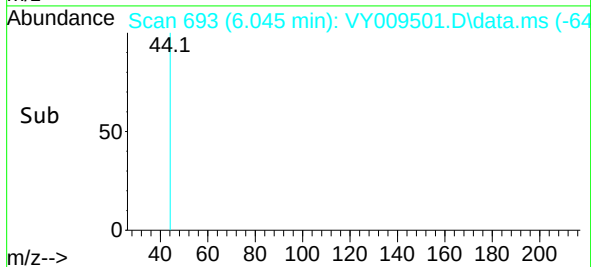
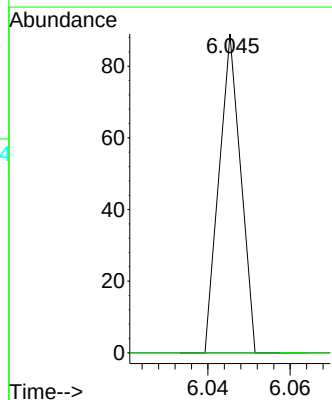
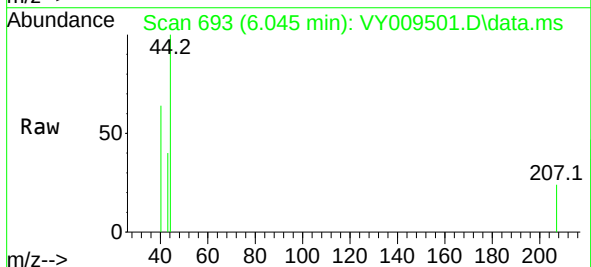


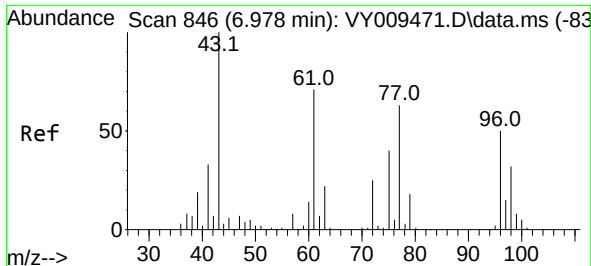
Tgt Ion: 76 Resp: 169
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.045 min Scan# 693
Delta R.T. -0.006 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#





#25

2-Butanone

Concen: 4.221 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

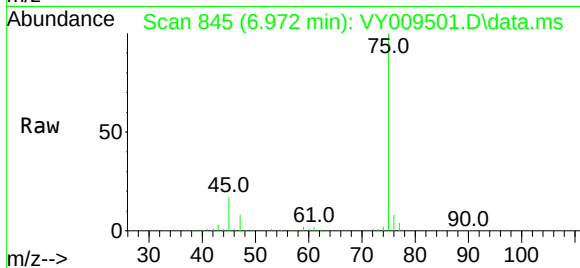
Lab File: VY009501.D

Acq: 11 Jul 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

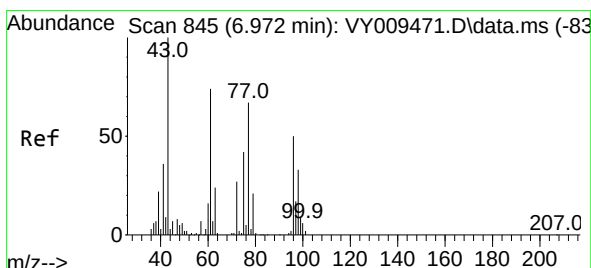
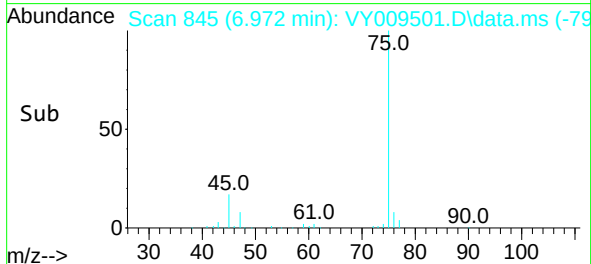
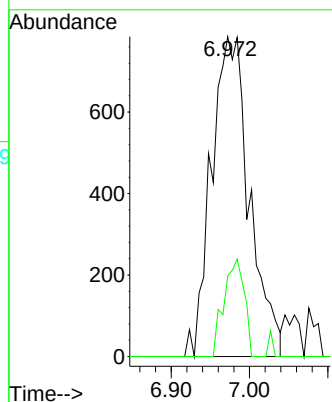


Tgt Ion: 43 Resp: 2644

Ion Ratio Lower Upper

43 100

72 25.2 17.7 26.5



#26

2,2-Dichloropropane

Concen: 1.189 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009501.D

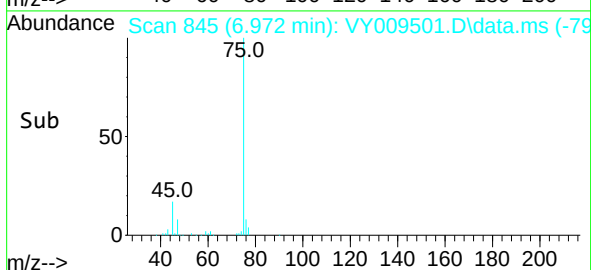
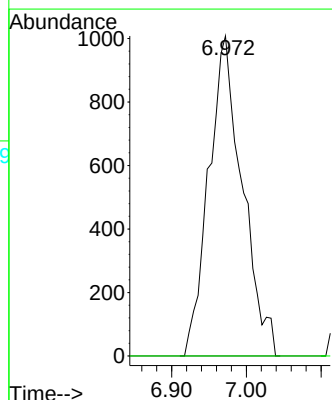
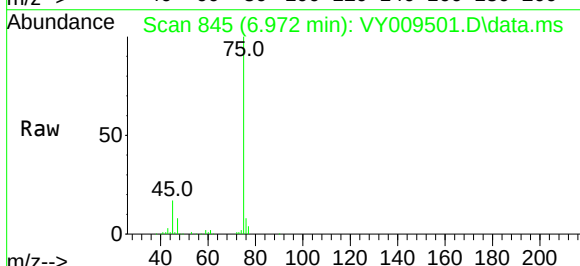
Acq: 11 Jul 2022 11:47

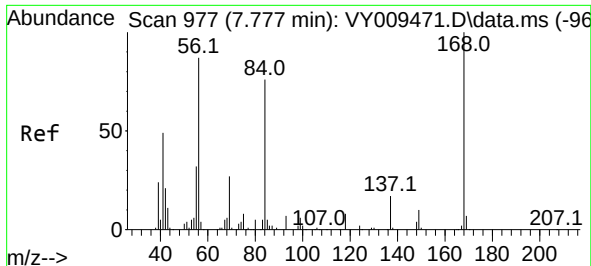
Tgt Ion: 77 Resp: 3148

Ion Ratio Lower Upper

77 100

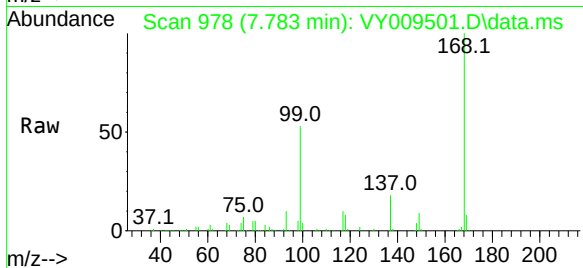
97 0.0 10.4 31.4#



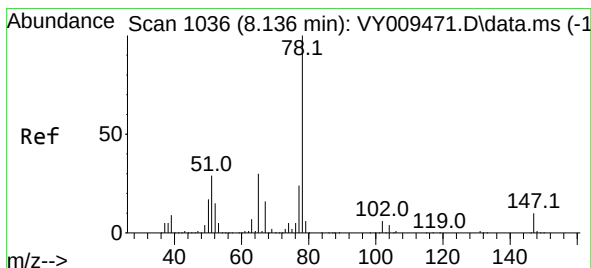
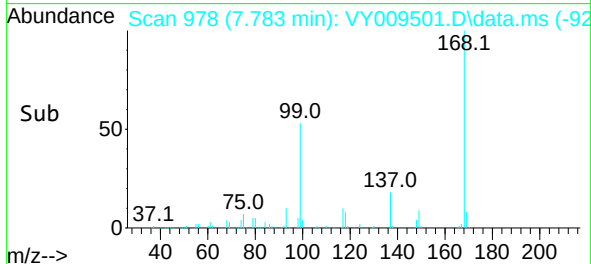
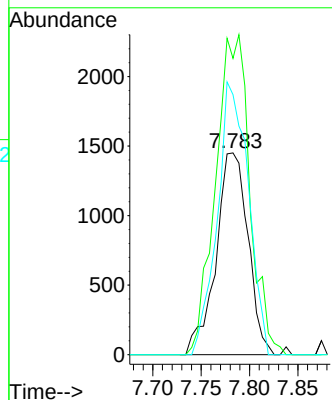


#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :

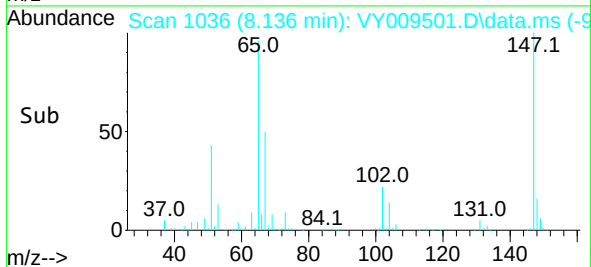
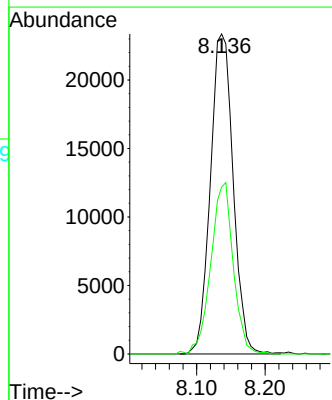
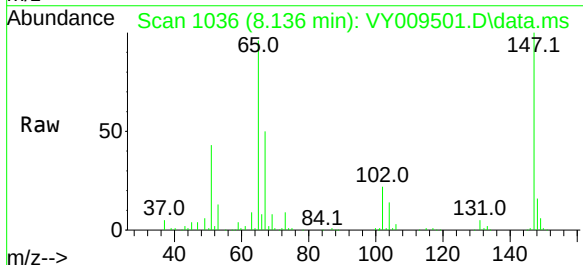


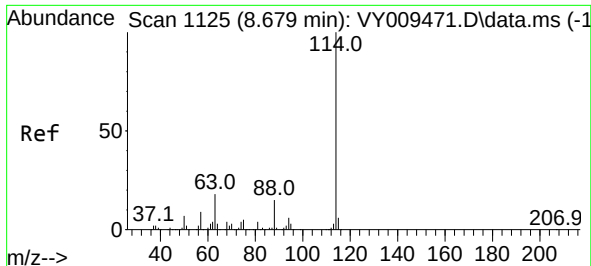
Tgt Ion: 56 Resp: 3348
Ion Ratio Lower Upper
56 100
69 146.9 26.7 40.1#
84 128.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 47.863 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Tgt Ion: 65 Resp: 53981
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009501.D

Acq: 11 Jul 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

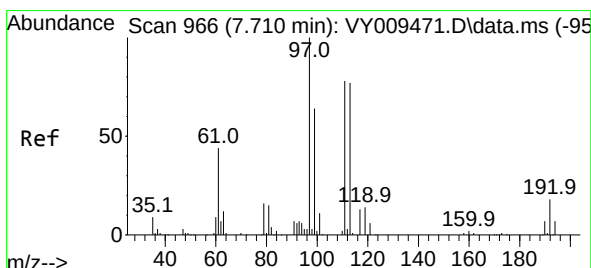
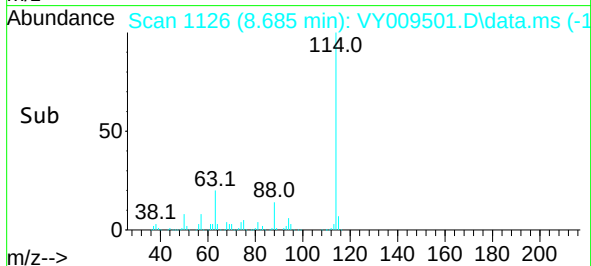
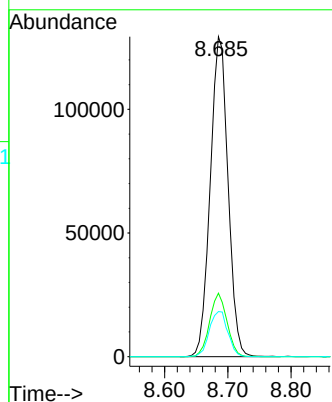
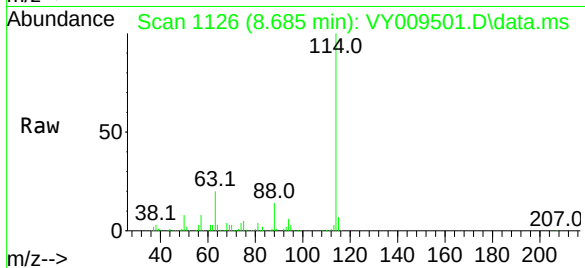
Tgt Ion:114 Resp: 252489

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.968 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009501.D

Acq: 11 Jul 2022 11:47

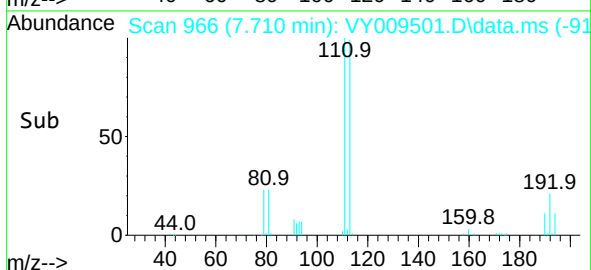
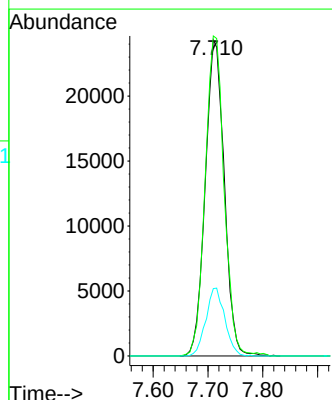
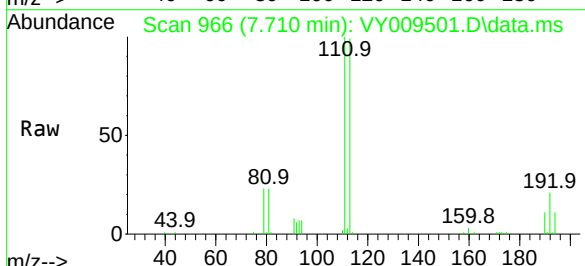
Tgt Ion:113 Resp: 58413

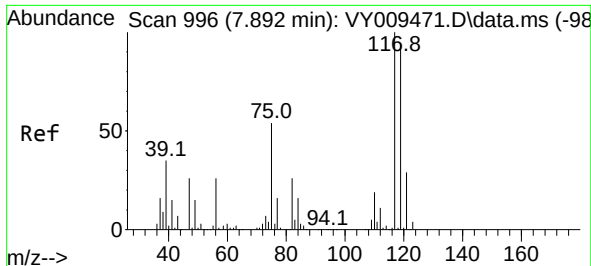
Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

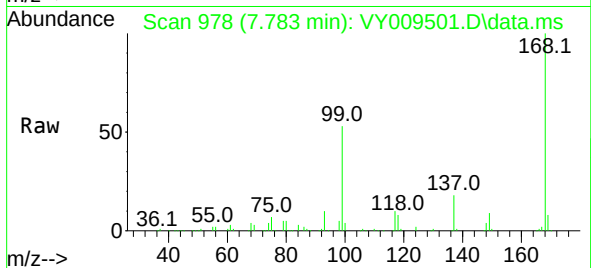
192 21.4 17.6 26.4



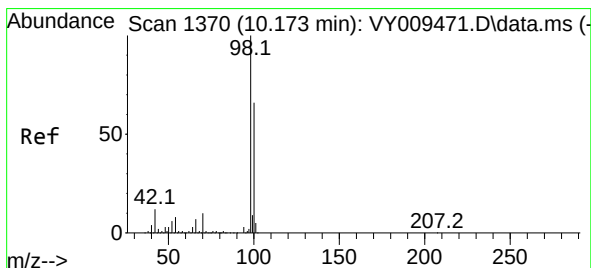
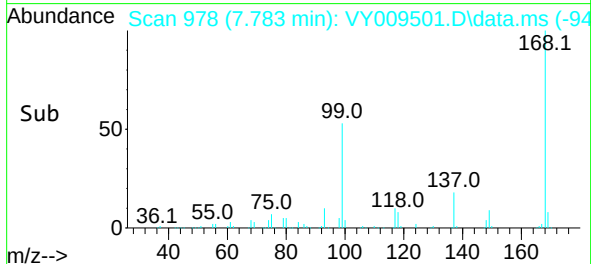
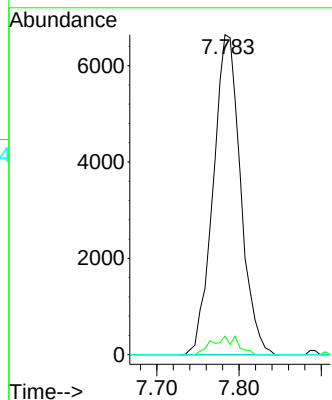


#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :

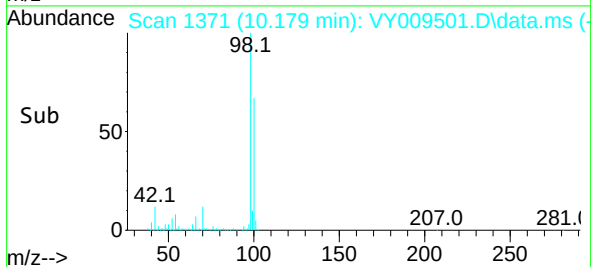
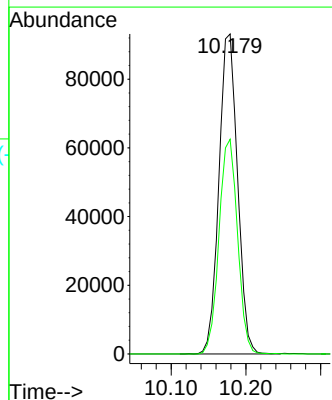
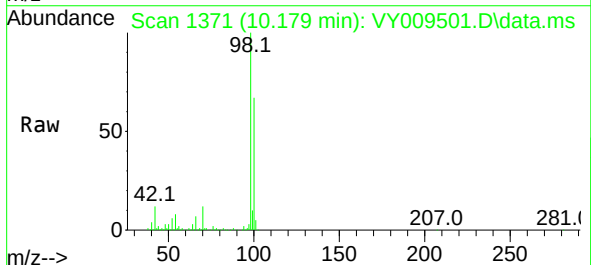


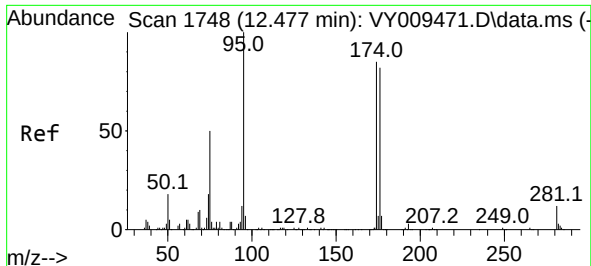
Tgt Ion:117 Resp: 15337
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 43.211 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Tgt Ion: 98 Resp: 161411
Ion Ratio Lower Upper
98 100
100 66.8 50.2 75.2

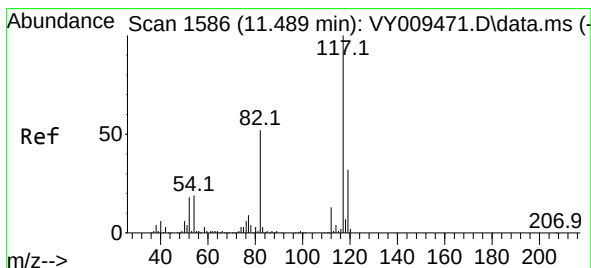
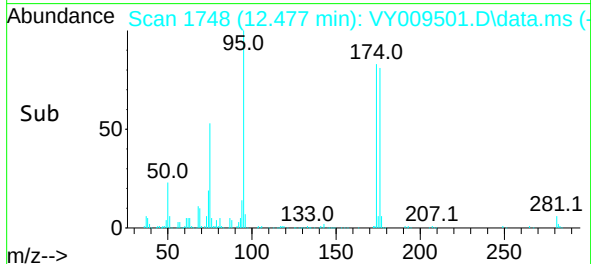
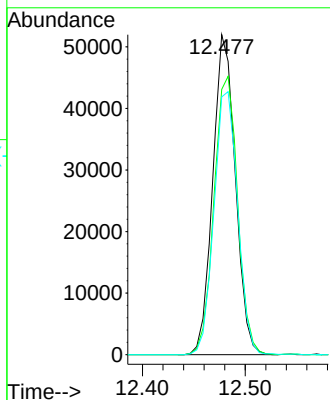
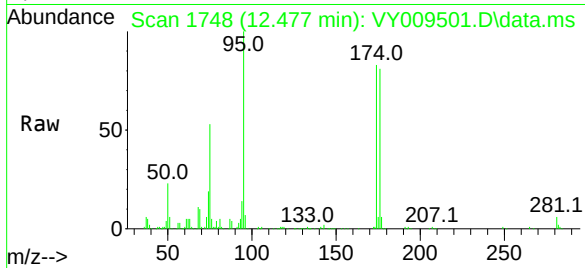




#62
4-Bromofluorobenzene
Concen: 42.136 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

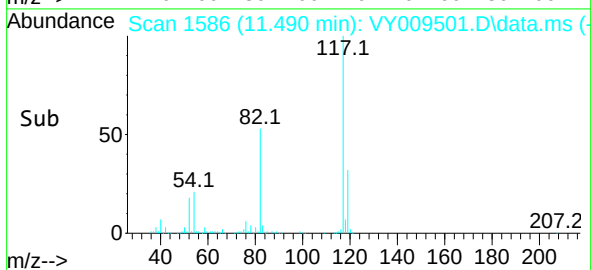
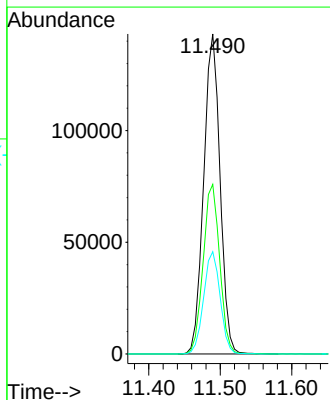
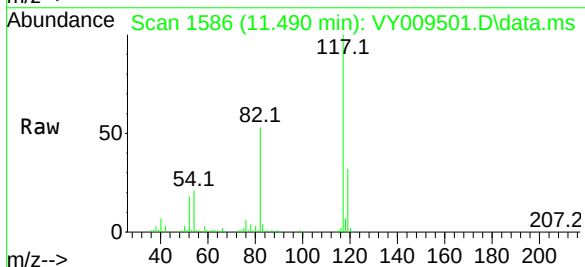
Instrument :
MSVOA_Y
ClientSampleId :

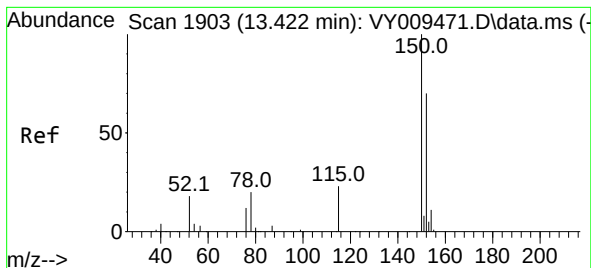
Tgt Ion: 95 Resp: 79018
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 86.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Tgt Ion: 117 Resp: 227731
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

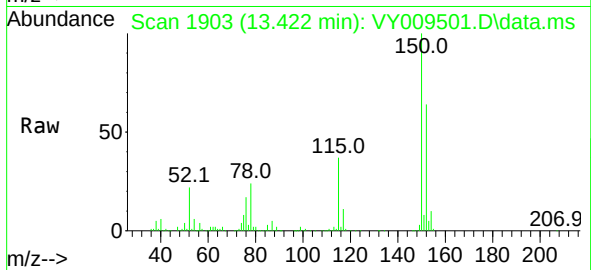
Lab File: VY009501.D

Acq: 11 Jul 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :



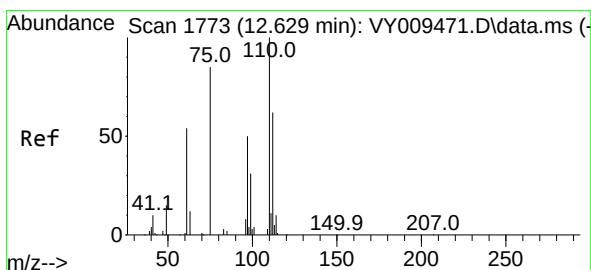
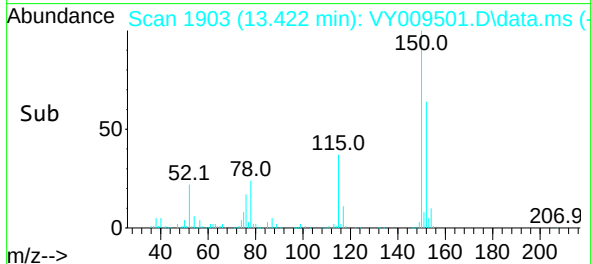
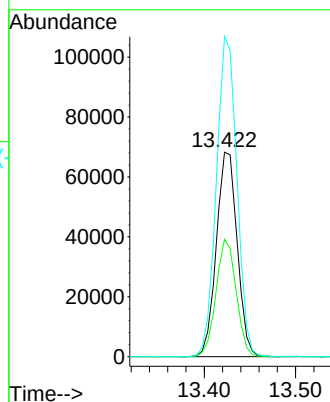
Tgt Ion:152 Resp: 108153

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 154.6 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 36.472 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY009501.D

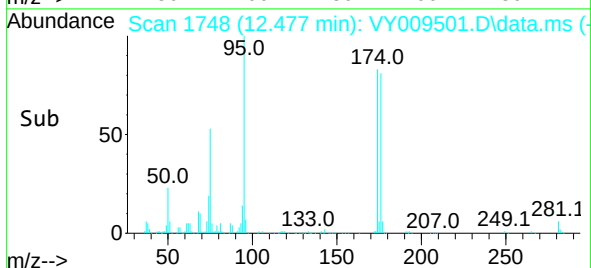
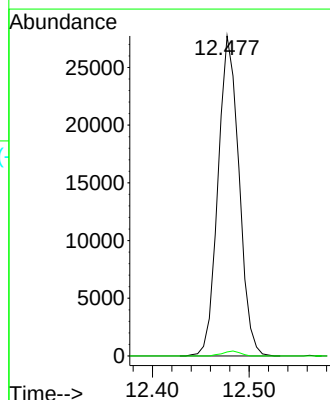
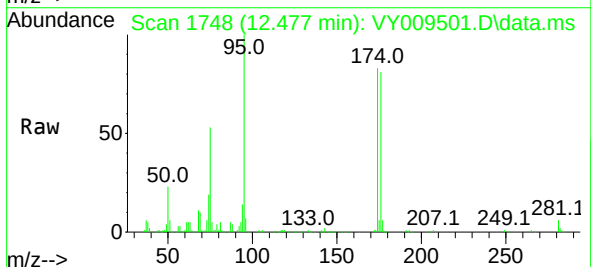
Acq: 11 Jul 2022 11:47

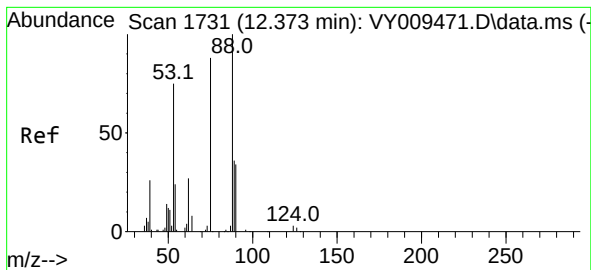
Tgt Ion: 75 Resp: 41756

Ion Ratio Lower Upper

75 100

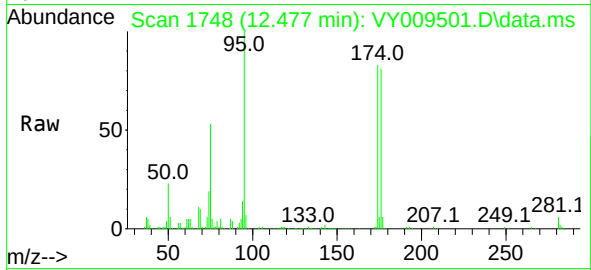
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.645 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009501.D
 Acq: 11 Jul 2022 11:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

